

LEAD HAZARD EVALUATION NOTICE

Address: 1492 Ocean Ave, Unit A6
Sen Bright, New Jersey 07760

Evaluation Completed (circle one): Paint Inspection Paint Testing Risk Assessment

Date: 10/21/14

Summary of Results:

- ☒ No lead-based paint or lead-based paint hazards were found.
- ☐ Lead-based paint and/or lead-based paint hazards were found. See attachments for details
- ☐ The structure was built post-1978 or no structure exists at the site; therefore a Lead Risk Assessment was not completed.

Contact person for more information about the risk evaluation:

Printed name: Darren Slack

Signature: 

Date:

10/21/14

Organization: Mandell Lead Inspectors, Inc.

Street: 409 Minnisink Road


City & State: Totowa, New Jersey

Zip: 07512

Phone #: (973) 785-7574

Person who prepared this notice:

Printed name: Christine Lezette

Signature: 

Date:

10/23/14

Organization: Atlantic Environmental Solutions, Inc.

Street: 5 Marine View Plaza, Suite 303

City & State: Hoboken, New Jersey

Zip: 07030

Phone #: (201) 876-9400

SRP0041091.01.01.D.0A6 – 1492 Ocean Ave, Unit A6, Sea Bright, New Jersey

INTERIOR DUST SAMPLING AND LABORATORY INFORMATION

Type	Location	Component	Sample Size (in2)		Sample Location	Test Results (µg/ft2)
1	Foyer	Dust Wipe	Floor	144	Foyer	<10
2	Kitchen	Dust Wipe	Floor	144	Kitchen	<10
3	Living Room	Dust Wipe	Floor	144	Living Room	<10
4	Living Room	Dust Wipe	Sill	207	Living Room	<7.0
5	Hall (BL)	Dust Wipe	Floor	144	Hall	<10
6	Utility Room	Dust Wipe	Floor	144	Utility Room	<10
7	Bathroom	Dust Wipe	Floor	144	Bathroom	<10
8	Bedroom	Dust Wipe	Floor	144	Bedroom	<10
9	Bedroom	Dust Wipe	Sill	144	Bedroom	<10

SOIL SAMPLING AND LABORATORY INFORMATION

*No bare soil was observed; therefore, a soil sample was not collected.

XRF RESULTS - 1492 Ocean Avenue, Unit A6, Sea BRight, New Jersey 07760

Reading No	Room	Wall	Component	Substrate	Paint Condition	Results	PbC	PbL	PbK	Units
164							2.75	0.5		0 cps
165	Calibration	*	*	*	*	Positive	1.1	1.1	< LOD	mg / cm ^2
166	Calibration	*	*	*	*	Positive	1.2	1.2	0.7	mg / cm ^2
167	Calibration	*	*	*	*	Positive	1.1	1.1	< LOD	mg / cm ^2
168	Living Room	A	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
169	Living Room	D	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
170	Living Room	D	Window Sill	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
171	Foyer	B	Door	Metal	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
172	Foyer	B	Door Molding	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
173	Bedroom	B	Door Molding	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
174	Bedroom	B	Door	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
175	Bedroom	D	Window Sill	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
176	Bedroom	D	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
177	Bedroom	Center	Ceiling	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
178	Bathroom	Center	Ceiling	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
179	Bathroom	A	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
180	Bathroom	A	Door	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
181	Bathroom	A	Door Jamb	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
182	Bathroom	A	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
183	Bathroom	C	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
184	Bathroom	Center	Ceiling	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
185	Utility Room	Center	Ceiling	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
187	Utility Room	A	Wall	Plaster/Sheetrock	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
188	Utility Room	A	Door	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
189	Utility Room	A	Door Jamb	Wood	Intact	Negative	< LOD	< LOD	< LOD	mg / cm ^2
190	Calibration	*	*	*	*	Positive	1.1	1.1	< LOD	mg / cm ^2
191	Calibration	*	*	*	*	Positive	1.1	1.1	< LOD	mg / cm ^2
192	Calibration	*	*	*	*	Positive	1.2	1.2	< LOD	mg / cm ^2

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192	Calibration	*	*	*	*	Positive	1.2	1.2	< LOD	mg / cm ^2

1492LEAD FREE CERTIFICATE

It is hereby certified that a lead paint inspection has been performed and the results of this inspection indicate that no lead in the amounts greater than or equal to 1.0 mg/cm² or greater than 0.5 % by weight in paint was found on any building component using the protocol outlined in N.J.A.C. 5:17-3.2(c). Therefore the dwelling(s) identified below qualify for the following exemption.

N.J.A.C. 5:10-1.2(h)4 Multiple Dwellings Fee
N.J.A.C. 5:10-6.6 Lead-Safe Maintenance
N.J.A.C. 5:27-4.10(a)1 Rooming and Boarding Houses Facility ID
N.J.A.C. 5:28-2.1(a) State Housing Code

This certificate should be kept by the owner and transferred to all future owners for the life of the structure.

1492 Ocean Avenue, Unit A6, Sea Bright, NJ
Site Address

Block Lot

Applicable Units or Common Areas:
Areas Tested

Darren Slack NJ DOHSS Permit #018847

Firms DCA Certification #00076E
Mandell Environmental Consulting
409 Minnisink Road, Suite 102
Totowa, NJ 07512


Insp/RA (signature)

Date Issued 10/21/14

**LEAD HAZARD RISK ASSESSMENT
LEAD-BASED PAINT TESTING REPORT**

**Prepared for: Gilbane Building Company
4814 Outlook Drive
Suite 100
Wall Township, New Jersey 07753**

New Jersey Landlord Rental Repair Program (LRRP)

**SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760
Property Owner: Chris Mosera**



**Lead Hazard Risk Assessment Performed by:
Mandell Lead Inspectors, Inc.
409 Minnisink Road
Totowa, New Jersey 07512
(973) 785-7574**

**This Lead-Based Paint Risk Assessment was performed by:
Mandell Lead Inspectors, Inc., Lead Evaluation Contractor Certificate #00076-E**

Signature: 
Printed: Darren Slack

**This Lead Hazard Risk Assessment Report was prepared by:
Atlantic Environmental Solutions, Inc.,
Lead Evaluation Contractor Certificate #00568-E (1/1/2014)**

Signature: 
Printed: Christine Lezette

October 23, 2014

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EXECUTIVE SUMMARY

Mandell Lead Inspection, Inc. (Mandell) performed a Lead Hazard Risk Assessment for Gilbane Building Company ("Client") at the private residence of 1492 Ocean Avenue, Unit A6 in Sea Bright, New Jersey ("subject property" or "site"). The Lead-Based Paint Risk Assessment was conducted on October 21, 2014 by Darren Slack. The assessment was conducted in conjunction with the residence's participation in the New Jersey Landlord Rental Repair Program (LRRP) managed by Gilbane Building Company. Based on available records and indication from the home owner, the date of construction is 1970. Lead-based paint and lead hazards were not present on the subject property as of the date of the Assessment. This Assessment and analytical results were completed as defined by the Environmental Protection Agency (EPA) and U.S. Department of Housing and Urban Development (HUD) regulations and guidelines identified in 24 CFR 35.930(c)(2) and Chapter 5 – Risk Assessment and Reevaluation of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (2012 edition).

Lead-Based Paint (LBP) or Lead-Based Paint Hazards were not discovered at the subject property during the Assessment using an X-Ray Fluorescent (XRF) analyzer. No soil sample was taken from the property.

INTRODUCTION

A Lead Hazard Risk Assessment and Lead-Based Paint Assessment were conducted on October 21, 2014 at 1492 Ocean Avenue, Unit A6 in Sea Bright, New Jersey. The purpose of the assessment was to identify, estimate and assess the presence and condition of accessible materials containing lead-based paint and lead hazards.

The Assessment and sampling was completed by a certified Lead-Based Paint Inspector/Risk Assessor. The licensed inspector, Darren Slack, License #018847 completed the assessment by conducting a visual survey of the property and collecting XRF data, dust wipes, and a soil sample. The assessment was non-destructive and did not include removing or damaging intact surfaces.

The XRF data was collected by the certified inspector and utilized a Niton XLp 300A XRF Lead-Base Paint Analyzer with the source date of June 1, 2013. All sampling and analyses were conducted by personnel and/or entities maintaining the appropriate licenses and certifications. The soil and dust wipe samples collected during the Assessment were submitted and analyzed by EMSL Analytical, Inc., which is a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory. The method used to analyze the lead in dust wipes is known as Solid Waste (SW)-846 Method 7000B.

The quantities of the lead containing materials are not guaranteed. It should be noted that the actual determination of required abatement can only be made once AESI is informed of the specific renovation plans designed for this site. Consequently, any findings/recommendations provided herein should be considered preliminary. All identified LBP and Lead Hazards should be properly addressed by licensed lead workers.



SITE IDENTIFIED LEAD HAZARDS

During the site assessment, several materials and surfaces were identified which constituted presumed lead-based paint and lead hazards. Twenty-one (21) areas were analyzed for lead using a X-Ray Fluorescent (XRF) analyzer; nine (9) dust wipes were collected; and no soil sample was collected for lead analysis. The analysis of the sample results from the XRF and wipe samples showed that LBP hazards do not exist, as defined in the Residential LBP Hazard Reduction Action of 1992 (Title X) and as defined by the Environmental Protection Agency (EPA) regulation published in January 5, 2001 Federal Register. No lead hazard control plan or abatement is warranted at this time.

Refer to Appendix A for a list of areas analyzed by the XRF, Appendix B for the dust wipes sample results, Appendix C for soil sample results and Appendix D for the site plan.

FUTURE REMODELING PRECAUTIONS

It should be noted that during this Assessment, a limited number of areas were tested for the presence of LBP. All LBP, dust, and soil hazards were not identified at this property during the assessment, however, LBP, dust lead hazards, and/or soil lead hazards may be present at other locations of the property. Additional paint testing should precede any future remodeling activities that occur at any untested areas. Additional dust and/or soil sample collection and analysis should follow any hazard control activity, repair, remodeling, or renovation effort, and any other work efforts that may in any way disturb LBP and/or any lead containing materials. These Assessment activities will help the Client and owner to ensure the health and safety of occupants and the neighborhood. Details concerning lead safe work techniques and approved hazard control methods can be found in the HUD publication entitled: "Guidelines for the Evaluation and Control of LBP Hazards in Housing". Remodeling, repair, renovation and painting at the residence beyond the scale of minor repair and maintenance activities must be conducted in accordance with the EPA's Lead Repair, Renovation, and Painting Rule (within 40 CFR part 745); see the EPA's website on the RRP Rule at <http://www.epa.gov/lead/pubs/renovation.htm> for the scope and requirements of that Rule. Lead-based paint abatement or lead-based paint hazard abatement at the residence must be conducted in accordance with the EPA's Lead Abatement Rule (also within 40 CFR 745); see the EPA's website for Lead Abatement Professionals at <http://www.epa.gov/lead/pubs/traincert.htm>.



CONDITIONS & LIMITATIONS

Mandell Lead Inspection, Inc. (Mandell) was subcontracted by Atlantic Environmental Solutions, Inc. (AESI). AESI was subcontracted by Gilbane Building Company. AESI and its subcontractors performed the Gilbane requested tasks listed above in a thorough and consistent with commonly accepted standard industry practices. AESI cannot guarantee and does not warrant that this Assessment has identified all adverse environmental factors or conditions affecting the subject property on the date of the Assessment. AESI cannot and will not warrant that the Assessment that was requested by Gilbane will satisfy the dictates of, or provide a legal defense in connection with, any environmental laws or regulations. It is the responsibility of the Client to know and abide by all applicable laws, regulations, and standards, including EPA's Renovation, Repair and Painting regulation.

The results reported and conclusions reached by AESI are solely for the benefit of the client and the New Jersey Department of Community Affairs Sandy Recovery Division. The results and opinions in this report, based solely upon the conditions found on the property as of the date of the Assessment, will be valid only as of the date of the Assessment. AESI assumes no obligation to advise the client of any changes in any real or potential lead hazards at this residence that may or may not be later brought to our attention. Further conditions and limitations to this contracted report are included in the general terms and conditions supplied to the client with the contract for services.



SITE INFORMATION AND FIELD TESTING

RESIDENTIAL QUESTIONNAIRE

A resident questionnaire was completed as part of the Assessment, to help the Client identify particular use patterns, which may be associated with potential LBP hazards, such as opening and closing windows painted with LBP. The answers to the questionnaire were obtained during an interview with the occupants. Please note that is the owner's responsibility to disclose any known lead-based paint information. Following is a summary of the information obtained during that interview:

Children in the Household:	NA
Children's bedroom locations:	NA
Children's eating locations:	NA
Primary interior play area(s):	N/A
Primary exterior play area(s):	NA
Toy Storage:	NA
Pets:	NA
Children's blood lead testing history:	NA
Observed chewed surfaces:	None
Women of child bearing age:	NA
Previous lead testing:	NA
Most frequently used entrances:	NA
Most frequently opened windows:	NA
Structure cooling method:	NA
Gardening – type and location(s):	NA
Plans for landscaping:	NA
Cleaning regiment:	NA
Cleaning methods:	NA
Recently completed renovations:	NA
Demolition debris on site:	None
Resident(s) with work lead exposure:	None
Planned renovations:	Rehabilitation or renovation plans are provided with the Client.

BUILDING CONDITIONS SURVEY

Date of Construction:	1970
Apparent Building Use:	Residential
Setting:	Residential
Front Entry Faces:	NA
Design:	Bungalow
Construction Type:	Wood framed, shingles
Lot Type:	NA
Roof:	Fair
Foundation:	Good, no known basement leaks or visible foundation cracks
Front Lawn Condition:	NA
Back Lawn Condition:	NA
Drip Line Condition:	NA



Site Evaluation:	Good
Exterior Structural Condition:	Good
Interior Structural Condition:	Good
Overall Building/Site Condition:	Good

PAINT CONDITION SURVEY

Please Note: EPA and HUD have provided a specific definition for the term “deteriorated paint.” Deteriorated paint is defined as “any interior or exterior paint or other coating that is peeling, chipping, chalking or cracking, or any paint or coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate.” This definition is most typically associated with surface conditions only. Usage of this term in describing conditions other than those associated with surface coatings are not known to be defined by EPA or HUD.

IDENTIFIED DETERIORATED PAINT, PAINT CONDITIONS, LEAD CONTENT, & MOST APPARENT CAUSE OF DETERIORATION:

Deteriorated paint was not observed on the subject property during the assessment.

PAINT SAMPLING AND TESTING

LBP Testing, conforming with HUD Guidelines 24 CFR 35 Section 35.930 (c), (d) and other Coatings Using Field-Portable X-Ray Fluorescence (XRF) Devices was accomplished at this residence on surfaces found to have deteriorated paint and/or where it was indicated to the Assessor that planned renovation would occur. No paint chip samples were taken. On October 21, 2014, a total of twenty-one (21) tests (assays) were taken at a limited number of specified surfaces on the inside and outside of the residence using an x-ray fluorescence analyzer. Lead concentrations did not exceed the HUD published levels identified as being potentially dangerous (e. g., greater than or equal to 1.0 milligrams per centimeter square [$> 1.0 \text{ mg/cm}^2$]).

It should be noted that lead concentrations (in paint) that are less than the levels that identify a surface coating as LBP still have the potential of causing lead poisoning. Should these or any potential LBP painted components and/or surfaces be disturbed in any manner that generates dust, extreme care must be taken to limit its spread. **It should be assumed that any and all painted surfaces, components, or surfaces not requested to be tested as part of this investigation, or any previous investigations are coated with LBP, and that renovation or repair activities in these areas dictate the use of safe work practices that limit dust generation and area contamination.**

Testing was performed by Darren Slack, a State of New Jersey certified Risk Assessor, using the Niton XLp 300A XRF Lead-Base Paint Analyzer (S/N 85840, State of New Jersey license #018847). The calibration, maintenance and quality control of the instrument is managed by the risk assessor. Please refer to the appendices for the detailed XRF, dust and soil sampling analytical reports.

Refer to Appendix E for the risk assessors license and Appendix F for the certification of the firm. The XRF performance characteristic sheet can be found in Appendix G.

In an effort to aid in the interpretation of the report, a glossary of terms and a list of publications and resources addressing lead hazards and their health effects are included in Appendix H.



LEAD HAZARD CONTROL PLAN

Since lead-based paint was not discovered above regulatory guidelines and there were no lead hazards identified at this property during the Assessment, a lead hazard control plan is not warranted at this time.



APPENDIX A

XRF LEAD-BASED PAINT TESTING RESULTS

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760



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APPENDIX B

DUST WIPE SAMPLING ANALYTICAL DATA

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (856) 303-2500 / (856) 786-5974

<http://www.EMSL.com>cinnaminsonleadlab@emsl.com

EMSL Order: 201415429
CustomerID: AESI50
CustomerPO:
ProjectID: NJRREMA-GILBA

Attn: **Christine Lezette**
Atlantic Environmental Solutions, Inc.
5 Marine View Plaza
Suite 303
Hoboken, NJ 07030

Phone: (201) 876-9400
Fax: (201) 876-9563
Received: 10/22/14 10:36 AM
Collected: 10/21/2014

Project: NJRRE-Gilbane / SRP0041091.01.01.D.046 / 1492 Ocean Ave., Unit A6, SEa Bright, NJ

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
1	201415429-0001	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Foyer Floor					
2	201415429-0002	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Kitchen Floor					
3	201415429-0003	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Living Room Floor					
4	201415429-0004	10/21/201	10/23/2014	207 in ²	<7.0 µg/ft ²
Site: Living Room Sill					
5	201415429-0005	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Hall (BL) Floor					
6	201415429-0006	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Utility Room Floor					
7	201415429-0007	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Bathroom Floor					
8	201415429-0008	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Bedroom Floor					
9	201415429-0009	10/21/201	10/23/2014	144 in ²	<10 µg/ft ²
Site: Bedroom Sill					

Julie Smith - Laboratory Director
NJ-NELAP Accredited:03036
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 ug/wipe. ug/wipe = ug/ft² x area sampled in ft². Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependant on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAC unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, AIHA-LAP, LLC ELLAP 100194, A2LA 2845.01

Initial report from 10/23/2014 11:06:43

EMSL Analytical, Inc.
200 Route 130 NorthEMSL ANALYTICAL, INC.
1 ANDERSON DRIVE SUITE 200 PLAINFIELD, NJ 07060

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

201415429

Cinnaminson, NJ 0807

1-800-220-367

(856) 786-597

Company: Atlantic Environmental Solutions, Inc.		EMSL Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: 5 Marine View Plaza Suite 303		Third Party Billing requires written authorization from third party	
City: Hoboken	State/Province: NJ	Zip/Postal Code: 07030	Country: United States
Report To (Name): Christine Lezette		Telephone #: 201-876-9400	
Email Address: clazette@solutionsenvironmental.com		Fax #: 201-876-9563	Purchase Order:
Project Name/Number: NJRRE-Gilbane		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: NJ		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

☐ 3 Hour ☐ 6 Hour ☒ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☐ 1 Week ☐ 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide

Matrix	Method	Instrument	Reporting Limit	Check
Chips <input type="checkbox"/> % by wt. <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm	SW846-7000B	Flame Atomic Absorption	0.01%	<input type="checkbox"/>
Air	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES/ICP-MS	0.5 µg/filter	<input type="checkbox"/>
Wipe* ASTM <input checked="" type="checkbox"/> non ASTM <input type="checkbox"/> *If no box is checked, non-ASTM Wipe is assumed	SW846-7000B	Flame Atomic Absorption	10 µg/wipe	<input checked="" type="checkbox"/>
	SW846-8010B or C	ICP-AES	1.0 µg/wipe	<input type="checkbox"/>
	SW846-7000B/7010	Graphite Furnace AA	0.075 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7000B/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-1131/SW846-8010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7000B	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7010	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW846-8010B or C	ICP-AES	2 mg/kg (ppm)	<input type="checkbox"/>
Wastewater Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	SM3111B/SW846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.7	ICP-AES	0.020 mg/L (ppm)	<input type="checkbox"/>
Drinking Water Unpreserved <input type="checkbox"/> Preserved with HNO ₃ pH < 2 <input type="checkbox"/>	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-AES	12 µg/filter	<input type="checkbox"/>
	40 CFR Part 50	Graphite Furnace AA	3.6 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Name of Sampler: Darren Slack

Signature of Sampler: *Darren Slack*

Sample #	Location	Volume/Area	Date/Time Sampled
1	Foyer	Floor 12"x12"	10-21-14 @ 10am
2	Kitchen	Floor 12"x12"	
3	Living Room	Floor 12"x12"	
4	" "	Wall 6"x34 1/2"	
5	Hall (BL)	Floor 12"x12"	

Client Sample #'s

1-9

Total # of Samples:

9

Relinquished (Client):

Darren Slack

Date:

10-21-14

Time:

5pm

Received (Lab):

Carla

Date:

10/22/14

Time:

10:30am

Comments:

Applicant:

SRP0041091.01.01.D.046, 1492 Ocean Ave, Unit A6, Sea Bright NJ

EMSL-EX

Cinnaminson, NJ 08071
1-800-220-3675
(856) 786-5974

201415429

[illegible]

Applicant: ~~FOIA b (7)(C)~~

1492 Ocean Ave, Unit A6, Sea Bright, NJ

APPENDIX C

SOIL SAMPLE ANALYTICAL DATA

No soil samples were collected at the site.

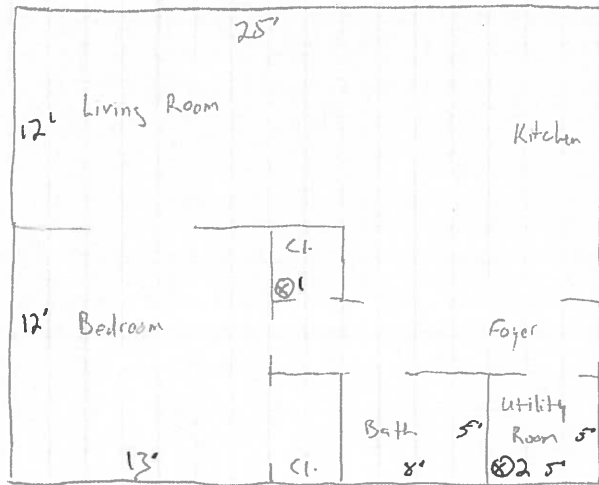


APPENDIX D

SITE PLAN

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760





10-21-14

SRP0041091.01.01.D.0A6

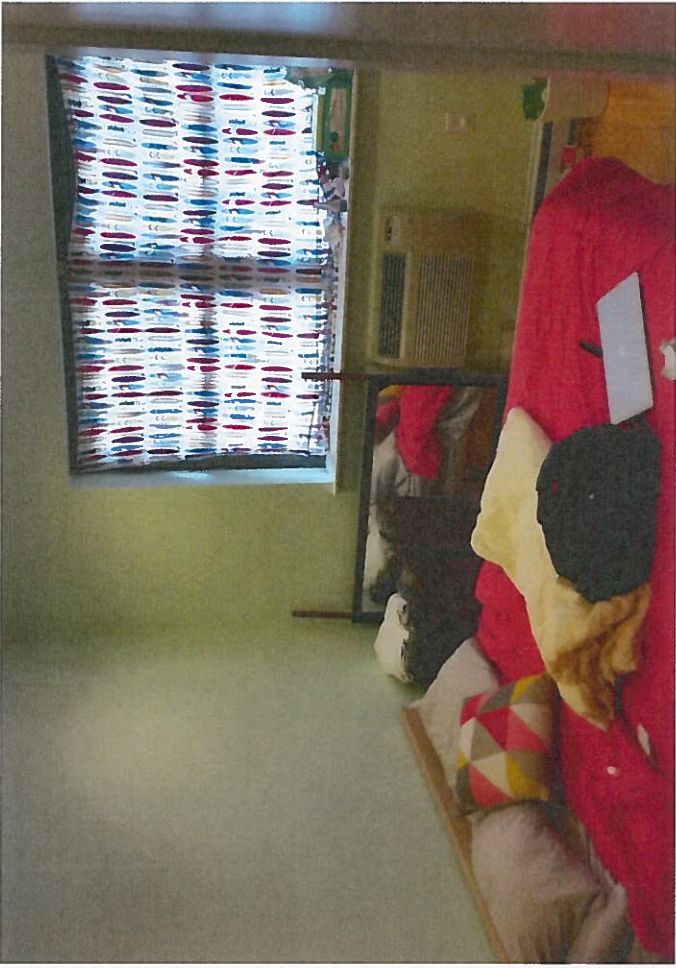
1492 Ocean Ave, Unit A6

Sec Bright, NJ

Suspect ACM
-Sheetrock

⊗=Asbestos sample location

- Building Built in 1970's
- All Damaged materials have been removed + replaced upto 4"
- Lead RA complete/No Lead found
 - Testing limited to the interior of unit A6 Only
 - 9 wipes
- No crawlspace, No Attic
- No Roof
 - Unit A6 is on lower level of 3 Story Building



**Form 5.0 Questionnaire for a Lead Hazard Risk Assessment
of an Individual Occupied Dwelling Unit.**

(Page 1 of 2)

(To be completed by risk assessor via interview with owner-occupant or, if a rental unit, an adult resident and, for questions 15 & 16, the owner.)

Property address 1492 Ocean Ave, Ses Brighton NJ
 Apt. No. A6 Unit is ☐ Owner occupied ☒ Renter occupied
 Year of construction 1970's Prior LBP testing? ☐ Yes ☒ No
 Name of owner interviewed Chris Mosera Owner interview date: 10/21/14
 Name of resident interviewed (if rental unit) _____ Interview date: 1/1/
 Name of risk assessor Darren Slack

Children and Children's Habits Vacant

1. Do any children under age 6 live in the home or visit frequently? ☐ Yes ☐ No
 (If no children under age 6, skip to Question 5.)

2. If yes, how many? _____

3. Please provide the following information about each child under 6 to the extent you can.

	Child 1	Child 2	Child 3	Child 4
(a) Age:				
(b) Blood lead level:				
(c) Month/year of blood lead test:				
(d) Location of bedroom:				
(e) Main room where child eats:				
(f) Main room where child plays:				
(g) Main room where toys are stored:				
(h) Main locations where child plays outdoors:				

(If a resident child under age 6 has had an elevated blood lead level, an environmental investigation may be necessary [see Chapter 16 of the HUD Guidelines].)

4. (a) Do any children tend to chew on any painted surfaces, such as interior window sills? ☐ Yes ☐ No

(b) If yes, where? _____

**Form 5.0 Questionnaire for a Lead Hazard Risk Assessment
of an Individual Occupied Dwelling Unit.**

(Page 2 of 2)

Property address 1492 Ocean Ave, Sea Bright NJ Apt. No. A6

Other Household Information and Family Use Patterns Vacant

5. Do women of child-bearing age live in the home? ☐ Yes ☐ No
6. If this home is in a building with other dwelling units, what common areas in the building are used by children?

7. (a) Which entrance is used most frequently? _____
(b) What other entrances are used frequently? _____

8. Which windows are opened most frequently? _____

9. (a) Do you use window air conditioners?* ☐ Yes ☐ No

(b) If yes, where? _____

*Condensation underneath window air conditioners often causes paint deterioration.

10. (a) Do you or any other household members garden? ☐ Yes ☐ No

(b) If yes, where is the garden? _____

11. (a) Are you planning any landscaping activities that will remove grass or ground covering? ☐ Yes ☐ No

(b) If yes, where? _____

12. (a) Which areas of the home get cleaned regularly? _____

(b) Which areas of the home do not get cleaned regularly? _____

13. (a) Are any household members exposed to lead at work? ☐ Yes ☐ No

(If no, go to question 14.)

(b) If yes, are dirty work clothes brought home? ☐ Yes ☐ No

(c) If they are brought home, who handles dirty work clothes and where are they placed and cleaned? _____

14. (a) Do you have pets? ☐ Yes ☐ No

(b) If yes, do these pets go outdoors? _____

Building Renovations

15. (a) Were any building renovations or repainting done here during the past year? ☐ Yes ☐ No

(b) If yes, what work was done, and when? _____

(c) Were carpets, furniture and/or family belongings present in the work areas? ☐ Yes ☐ No

(d) If yes, which items and where were they? _____

(e) Was construction debris stored in the yard? ☐ Yes ☐ No

(f) If yes, please describe what, where and how was it stored. _____

16. (a) Are you conducting or planning any building renovations? ☐ Yes ☐ No

(b) If yes, what work will be done, and when? _____

Form 5.1 Building Condition Form for Lead Hazard Risk Assessment.

1492 Ocean Ave.
 Property address 301 Bright, NJ Apt. No. A6
 Name of property owner Chris Mosers
 Name of risk assessor Darren Slack Date of assessment: 10/24/14

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)		X	
Roof has holes or large cracks			
Gutters or downspouts broken			
Chimney masonry cracked, bricks loose or missing, obviously out of plumb			
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting			
Exterior siding has missing boards or shingles			
Water stains on interior walls or ceilings			
Walls or ceilings deteriorated			
More than "very small" amount of paint in a room deteriorated			
Two or more windows or doors broken, missing, or boarded up			
Porch or steps have major elements broken, missing, or boarded up			
Foundation has major cracks, missing material, structure leans, or visibly unsound		✓	
** Total number	0	12	

* The "very small" amount is the *de minimis* amount under the HUD Lead Safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

** If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment, and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe, below, the extenuating circumstances that justify conducting a lead hazard screen.

Notes (including other conditions of concern):

*Codes based on previous paint testing or lead-based paint (LBP) inspection: Code 1: Surface known to be LBP; Code 2: Surface known to be LBP. If paint testing results are obtained on site, use this column to record the result. If a paint chip sample is sent to the laboratory, use this column to record the sample number (or other unique identifier) as a reference to another record containing the sampling data and laboratory results.

APPENDIX E

RISK ASSESSOR'S LICENSE/CERTIFICATION

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760



Lead Identification Permit

New Jersey Department of Health
DARREN G. SLACK

Permit No.: 027037
ID No.: 018847
Expires: 11/12/2015



Authorization Signature: *[Signature]*
Joseph D. Hirdley, AT Director

Inspector/Risk Assessor

RISK ASSESSOR'S CERTIFICATION STATEMENT

The Lead-Based Paint Risk Assessment conducted at 1492 Ocean Avenue, Unit A6
in Sea Bright NJ and referenced as SRP0041091.01.01.D.046
by the New Jersey Rehabilitation, Reconstruction, Evaluation and Mitigation (RREM) Program,
was performed on 10-21-14 by the undersigned Lead-Based Paint
Inspector/Risk Assessor in accordance with Environmental Protection Agency (EPA) and U.S.
Department of Housing and Urban Development (HUD) regulations and guidelines.

Darren Slack
Print Name: Darren Slack
Inspector#: 018847

Date 10-21-14

Lead Identification Permit

NJ Department of Health
CEOHS, Indoor Environments Program

CHRISTINE LEZETTE



Permit Number: 027162

ID Number: 027162

Issue Date: 11/19/2013

Expiry Date: 11/19/2014

Inspector/Risk Assessor

This PERMIT has been issued in accordance with N.J.A.C. 8-62. You MUST have this PERMIT with you any time you are performing work for which it is required. Failure to carry this PERMIT or altering or falsifying this PERMIT may result in a civil administrative PENALTY of up to \$1,000/day for the first offense and up to \$5,000/day for each subsequent offense. Each day shall constitute an additional and separate offense. To report a lost or stolen PERMIT, defects to a PERMIT, or to find out how to renew a PERMIT, contact the NJ DOH (see below).

EMAIL: dep.program@doh.state.nj.us

TELEPHONE: 609-826-4950

WEB: www.state.nj.us/health/dep

FAX: 609-826-4975

ADDRESS: NJ DOH, CEOHS, Indoor Environments Program

P.O. Box 372, Trenton, NJ 08625-0372

If this PERMIT is found abandoned, please send it to the above address.

Issued By
DA

Permit Holder Signature

Issue Date
11/19/2013

APPENDIX F

FIRM'S LEAD ACTIVITY LICENSE/CERTIFICATION

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760





CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

LOCATION
101 SOUTH BROAD STREET
TRENTON, NEW JERSEY 08618

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
DIVISION OF CODES AND STANDARDS
BUREAU OF CODE SERVICES
LEAD HAZARD ABATEMENT

RICHARD E. CONSTABLE, III
Commissioner

MAILING ADDRESS
PO BOX 816
TRENTON, NJ 08625-0816

Certificate - Lead Evaluation Contractor

This is to certify that the Department of Community Affairs has

() CERTIFIED
(XX) RECERTIFIED

MANDELL LEAD INSPECTORS, INC.
409 MINNISINK ROAD
SUITE 102
TOTOWA, NJ 07512

To act as a Lead Evaluation Contractor on the following projects

Residential
Public Buildings


Cert # 00076 E

Effective Date: NOVEMBER 1, 2012

Date of Expiration: OCTOBER 31, 2014

Certificate Type: 2 YEAR

Sincerely,


James L. Amici
Supervisor of Certification
Lead Hazard Abatement Unit





CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

STATE OF NEW JERSEY
DEPARTMENT OF COMMUNITY AFFAIRS
DIVISION OF CODES AND STANDARDS
BUREAU OF CODE SERVICES
LEAD HAZARD ABATEMENT

RICHARD E. CONSTABLE, III
Commissioner

LOCATION
31 SOUTH BROAD STREET
TRENTON, NEW JERSEY 08618

MAILING ADDRESS
PO BOX 816
TRENTON, NJ 08625-0816

Certificate - Lead Evaluation Contractor

This is to certify that the Department of Community Affairs has

(XX) CERTIFIED
() RECERTIFIED

ATLANTIC ENVIRONMENTAL
5 MARINE VIEW PLAZA
SUITE 303
HOBOKEN, NJ 07030

To act as a Lead Evaluation Contractor on the following projects

Residential

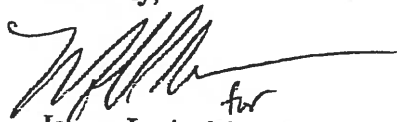
Cert # 00568 E

Effective Date: JANUARY 1, 2014

Date of Expiration: DECEMBER 31, 2015

Certificate Type: 2 YEAR

Sincerely,


James L. Amici
Supervisor of Certification
Lead Hazard Abatement Unit



APPENDIX G

XRF PERFORMANCE CHARACTERISTIC SHEET

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760



Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source: ^{109}Cd

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

FIELD OPERATION GUIDANCE

OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm² (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm² in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm² film)

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:
Brick, Concrete, Drywall, Metal, Plaster, and Wood

INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm ²)
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

BACKGROUND INFORMATION

EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

TESTING TIMES:

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm ²)		
	25 th Percentile	Median	75 th Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

CLASSIFICATION RESULTS:

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

DOCUMENTATION:

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

APPENDIX H

ADDITIONAL LEAD AND LEAD SAFETY RESOURCE DATA

SRP0041091.01.01.D.0A6
1492 Ocean Ave, Unit A6
Sea Bright, New Jersey 07760



"LEAD SPEAK" A BRIEF GLOSSARY

COMMON LBP TERMS

LBP: Any and all paint that contains at least 1 milligram of lead per square centimeter of surface area (1.0 mg/cm²). This is infrequently expressed as 0.5% lead by weight and/or 5000 parts per million lead concentrations by dry weight.

LBP Hazards: Housing conditions that cause human exposure to unsafe levels of lead from paint. These conditions include, but are not necessarily limited to: deteriorated lead-based paint; friction, impact, or chewable surfaces; lead-contaminated dust; or, lead-contaminated soil.

Paint: Any and all paints, stains, varnishes, shellacs, epoxies, lacquers, polyurethanes, etc.

House Wall Identification Guide: The exterior wall that contains the front entry to the house is labeled as the A wall of the house. Proceeding clock-wise around the house label the remaining walls B, C, and D respectively. The interior room walls correspond to the exterior walls.

LEAD HAZARD EVALUATION METHODS

Visual Inspection: A visual evaluation of interior and exterior paint and surfaces in an effort to try to identify specific conditions that contributes to LBP hazards. A certified risk assessor or a Housing Quality Standards inspector trained in visual assessments should perform these inspections.

Paint Testing: Testing of specific surfaces that are coated with paint, by XRF (x-ray florescence) or lab analysis, to determine the lead content of these surfaces, performed by a certified LBP inspector or certified risk assessor

Risk Assessment: An on-site investigation to help determine the existence of LBP hazards. This can include paint testing, dust and soil sampling, water sampling and a visual inspection. The risk assessment report identifies lead hazards and potential options for lead hazard control. A certified risk assessor must conduct the assessment.

Clearance Examination: Clearance is performed after hazard reduction, rehabilitation, renovation, repair, modernization, or maintenance activities to determine if a unit is safe for occupancy. It involves a visual inspection, analysis of dust and soil samples, and preparation of a report. A certified risk assessor that is independent from the company or individual conducting the lead hazard control activities should conduct the clearance examination.

X-Ray Fluorescence Analyzer (XRF): This device, often called a XRF, is used to help identify levels of lead in paint without disturbing the painted surfaces themselves. The unit uses gamma radiation to measure the lead content in the paint on a per square centimeter basis. Users of this device must be specially trained and licensed as Lead Inspectors and be licensed by State radioactive material regulatory licensing agencies.

LEAD POISONING

Environmental Intervention Blood Lead Level (EIBLL): The level of lead in blood that requires intervention in a child under the age of seventy-two (72) months. This is typically defined as a blood lead level of 20 $\mu\text{g/dL}$ (micrograms per deciliter) of whole blood or above for a single test, or blood levels of 15-19 in two tests taken at least three months apart.

KEY UNITS OF MEASUREMENT

μg (Microgram): A microgram is 1/1000th of a milligram. To put this into perspective, a penny weighs 2 grams. To get a microgram, you would need to divide the penny into 2 million pieces. A microgram is one of those two million pieces.

$\mu\text{g/dL}$ (microgram per deciliter): used to measure the level of lead in children's and worker's blood to establish whether intervention is needed. A deciliter is a little less than a half a cup.

$\mu\text{g/ft}^2$ (micrograms per square feet): the unit used to express levels of lead in dust samples. All reports should report levels of lead in dust in $\mu\text{g/ft}^2$.

mg/cm^2 (milligrams per centimeter square): used to report levels of lead in paint thru XRF testing.

PPM (parts per million): Typically used to express the concentrations of lead in soil. Can also be used to express the amount of lead in a surface coating on a mass concentration basis. This measurement can also be shown as: $\mu\text{g/g}$, mg/kg or mg/l .

PPB (parts per billion): Typically used to express the amount of lead found in drinking water. This measurement is also sometimes expressed as: $\mu\text{g/l}$.

EPA/HUD PUBLISHED LBP STANDARDS

Dust-thresholds for Lead-Contamination

- Floors Less than ($<$) 40 $\mu\text{g/ft}^2$
- Interior Window Sills $<250 \mu\text{g/ft}^2$
- Window Troughs $<400 \mu\text{g/ft}^2$

Soil-thresholds for Lead Contamination

- Play areas used by children 6 and under $<400 \mu\text{g/gram}$ or 400 parts per million (PPM)
- Other areas $<1200 \mu\text{g/gram}$ or 1200 parts per million (PPM)
- Threshold for abatement $<5000 \mu\text{g/gram}$ or 5000 parts per million (PPM)

THE FOLLOWING PUBLICATIONS AND RESOURCES CONTAIN ADDITIONAL INFORMATION ON LEAD AND LEAD HAZARDS:

NATIONAL CENTER FOR HEALTHY HOUSING:

<http://www.leadshousing.org/>

NATIONAL LEAD INFORMATION CENTER & CLEARINGHOUSE:

1-800-424 LEAD, Fax: 301-585-7976

www.epa.gov/lead/nlic.htm

NATION LEAD ABATEMENT AND ASSESSMENT COUNCIL:

1-800-590-6522 Fax: 301-924-0265

www.nlaac.org

HUD'S OFFICE OF HEALTH HOMES AND LEAD HAZARD CONTROL:

www.hud.gov/offices/lead

Voice: 1-202-401-0388

THE ALLIANCE TO END CHILDHOOD LEAD POISONING:

<http://www.aecplp.org/>

THE ENVIRONMENTAL PROTECTION AGENCY LEAD PROGRAMS:

www.epa.gov/opptintr/lead

Voice: 1-202-260-2090

NEW JERSEY DEPARTMENT OF HEALTH AND ENVIRONMENT, LEAD POISONING PREVENTION PROGRAM

<http://www.nj.gov/health/epht/lead.shtml>